

Monitor. Integrate. Alert. Peace of Mind.

Applications

Can be coupled with an SD-Z or SD-Z1 spot detector or any of our leak detection sensing cables to detect and report leaks in any facility.

Key Features

- Transmission range between manager and sensors:
 - Up to 100' through multiple walls
 - Up to 270' through one wall
 - Up to 600' direct line of sight
 - Add up to 1,000' direct line of sight with a WiNG-RXT range extender
- Support 250 sensors on a single manager, up to 400 sensors with range extenders



Wireless Leak Detection Paired with WiNG Technology

RLE has revolutionized the wireless sensor market with the launch of the WiNG wireless platform.

What Sets The WiNG-LD Apart?

- Monitor for leaks with one of the following configurations:
 - One SD-Z1 spot detector
 - One SD-Z spot detector and up to an additional 50 feet (15m) of leak detection sensing cable
 - Up to 100 feet (30.5m) of leak detection sensing cable
- Proprietary wireless design
- Configurations WiNG sensors are compact and unobtrusive
- Provide an industry leading battery life - sensor batteries will last up to 12 years at room temperatures.
- Communicates readings to the WiNG-MGR web interface every 10-20 seconds

WiNG-LD • Compatible with all RLE SeaHawk sensing cables and SD-Z and SD-Z1 spot detectors

Product Codes	
WiNG-LD	WiNG Leak detector for use with sensing cable; 900MHz wireless transmitter; includes LC-Kit; requires SC, SC-R, SC-ZH or SD-Z
WiNG-LD-868	WiNG Leak detector for use with sensing cable; 868MHz wireless transmitter; includes LC-Kit; requires SC, SC-R, SC-ZH or SD-Z
WiNG-LDM	WiNG Leak detector for use with chemical sensing cable; 900MHz wireless transmitter; includes LC-Kit-M; requires SC-C
WiNG-LDM-868	WiNG Leak detector for use with chemical sensing cable; 868MHz wireless transmitter; includes LC-Kit-M; requires SC-C
WiNG-SPOT	WiNG Leak detector for use with spot detector; 900MHz wireless transmitter; includes SD-Z1
WiNG-SPOT-868	WiNG Leak detector for use with spot detector; 868MHz wireless transmitter; includes SD-Z1



WiNG Family



WiNG-LD

Technical Specifications	
Power	3.6V AA lithium battery
Battery Life	Up to 5 years when system spans full operating temperature range. Up to 8 years at room temperatures up to 122°F (50°C) Up to 12 years at room temperature
Shelf Life	10 years in quiescent mode with battery installed
Transmission Interval	10-20 seconds (random)
Frequency Range	Available in 868MHz and 900MHz configurations Up to 600ft line of sight
Leak Detection Input Compatibility	Accepts up to 100ft (30.5m) of sensing cable, 50ft (15m) of sensing cable and one SD-Z spot detector, or 1 SD-Z1 spot detector.
Sensor Response Time	Compatible with all RLE sensing cables and the SD-Z and SD-Z1 spot detectors.
Cable Break Detection	< 20 seconds
Cable Sensitivity	Yes
	Configurable
Operating Environment Temperature	-13°F to 185°F (-25°C - 85°C)
Humidity	0% to 90% RH (Non-condensing)
Altitude	-200 ft to 15,000 ft (-70m to 4572m) max
Mounting	Free standing, zip ties, screw and keyhole - spaced 2.5" (6.4cm), junction box - 2 screws spaced 3.28" (8.3cm)
Dimensions and Weight	4.4"L x 2.5"W x 1.5"H (11.2cmL x 6.4cmW x 3.8cmH), 0.2lb (0.10kg)
Certifications and Standards	CE UL61010, CSA 22.2 #61010, IEC 61326-1, FCC 47CFR 15B, IC ICES-003, EN 61000-3-2, EN61000-3-3, ETSI EN 301 489-1, ETSI EN 301 489-3; FCC ID: X7J-A11072401; IC: 8975A-A11072401

